

Ali Hussain

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Work Experience

Kik Interactive, Inc. | Release & QA Engineering
September 2015 - December 2015 | Waterloo, ON

- Led testing efforts for multiple new features
- Designed and executed black box testing plans for unreleased features
- Collaborated with project leads and developers throughout testing
- Documented over 100 software defects using Github issue tracker

Kenna | IT Systems Administrator
January 2015 - April 2015 | Toronto, ON

- Doubled efficiency of helpdesk system, completed over 75 tickets in 4 months
- Handled IT responsibilities of entire office with over 50 users and 80 devices
- Researched ideas to increase efficiency of IT department
- Implemented new WiFi and antivirus infrastructure
- Authored/published process manuals and project notes to company wiki

Recent Projects

Feedback Bot | Kik Hack Week
December 2015 | Waterloo, ON

Used an existing bot framework to create an interactive bot for Kik Messenger that allows users to leave feedback about new updates and their changes. The feedback is analyzed and a summary of overall sentiment is available to Kik employees through the same bot.

Python + NLTK, Firebase

App Store Analysis | Side Project at Kik
September 2015 - October 2015 | Waterloo, ON

Developed a program to pull and process app store reviews for Kik across both iOS & Android stores. Reviews are clustered based on topic/version and processed through a trained sentiment analyzer. A web based dashboard is then used to display trends and general attitude towards updates.

Python + NLTK, Pandas, BeautifulSoup - Javascript + jQuery, D3, NVD3 - MySQL

Retail Rewards System | Unnamed Small Business
May 2015 | Halifax, NS

Developed and implemented a rewards system for a small business. Customers are issued rewards cards which, when presented at the store, give them a 15% cashback on purchases to be redeemed at a later date. The system is interlinked with the customer database and point of sale to maintain ease of use and accuracy.

PHP, HTML, MySQL

Awards

2013 4 th place	Dalhousie University Programming Contest
2013 2 nd place	Saint Mary's University Hack-a-Week
2013 10 th percentile	Euclid Mathematics Contest

Education

University of Waterloo
BMath | Expected 2018

Math/Business Administration
Transferring to CS & Statistics

Links

Http:// alihussa.in
Github:// allawi
LinkedIn:// ahussain5

Technical Skills

Intermediate

- C
- Python
 - Pandas
 - Flask
- PHP
- HTML/CSS
 - Bootstrap
- Racket/Lisp

Novice

- Javascript
 - jQuery
 - D3
 - NVD3
- MySQL

Miscellaneous

- Sublime, Vim
- Windows Server
- Linux Server
- Docker
- VMware vCenter
- VLANs
- Data Structures
- Regression Modeling

Hobbies & Interests

- Fitness and Nutrition
- Programming
- IT and Networking
- Puzzles and Problem Solving
- Video Games
- Tutoring